

# Fw: NM nutrients - GIS analysis sites

Forrest John to: Nelson.Russell, Bira.Mike, Melinda McCoy

10/22/2012 09:02 AM

Cc: Philip Crocker

From: Forrest John/R6/USEPA/US

Nelson.Russell@EPA.GOV, Bira.Mike@EPA.GOV, Melinda McCoy/R6/USEPA/US To:

Cc: Philip Crocker/R6/USEPA/US@EPA

## Melinda, Russell, and Mike -

I wanted to invite each of you all to a short conference call with the Tetra Tech contractor who is developing the proof-of-concept for the State of New Mexico nutrient translators. The work is being funded by an open task order on the national watershed contract and is being managed by Katherine Dowell who works for Tom Wall and must be completed by mid-November 2012. At this point in time, the contractor has being compiling all available data and has identified ~376 critical sites (of ~1000 sites) in NM, AX, CO, and TX for which Angel and Bob are developing the GIS land use, geology, precipitation, and temperature data layers for the purpose of identifying least impacted reference sites and evaluating relationships with other indicators, e.g., benthics and periphyton community metrics, nutrients (TN, TP). These data layers must be completed by the end of the month allowing the contractor several weeks to complete their preliminary analysis and report. There seems to be interest in Tom Wall's group to provide additional funding in the FY 2013 to conclude this project based on the outcome of the proof-of-concept.

In regards to our role in this venture, we prepared the scope of work and the modified scope of work that is being used for the task order in the form of technical direction. However, since we are not serving as the task order manager (TOM), we cannot task the contractor in any manner other than ask questions. All task request must be routed through the TOM, who is Katherine Dowell. Therefore, if you should participate in the call, please limit your participation to questions only and avoid any statements that my imply or have the appearance that you are attempting to task the contractor, i.e., recommendations and similar statements.

### Cheers

Forrest B. John EPA-Region 6 Dallas, Texas (214) 665-8368 (214) 665-6689 (FAX)wh e-mail: john.forrest@epamail.epa.gov

"Far better it is to dare mighty things, to win glorious triumphs, even though checkered by failure, than to take rank with those poor spirits who neither enjoy much nor suffer much, because they live in the gray twilight that knows not victory or defeat." ~ Theodore Roosevelt

"...and 'tis our fast [first] intent to shake all cares and business from our age [of our state]; Conferring them on younger strengths, while we unburden'd crawl toward death..." ~ William Shakespeare's King Lear, Act I

"In every free and deliberating society, there must, from the nature of man, be opposite parties and...dissensions and discords;..." ~ Thomas Jefferson, 1798 ---- Forwarded by Forrest John/R6/USEPA/US on 10/22/2012 08:37 AM -----

NM nutrients - GIS analysis sites

Tue 10/23/2012 10:00 AM - 11:00



### AM

Attendance is for Forrest John

Chair: benjamin.jessup@tetratech.com

Location: Live Meeting

(2)

This entry has an alarm. The alarm will go off before the entry starts.

Required: James.Hogan@state.nm.us, Katie Flahive/DC/USEPA/US

Optional: Aileen.Molloy@tetratech.com, Forrest John/R6/USEPA/US, Katharine Dowell/DC/USEPA/US,

Michael.Paul@tetratech.com, seva.joseph@state.nm.us, shelly.lemon@state.nm.us

Time zones: This entry was created in a different time zone. The time in that time zone is: Tue 10/23/2012

11:00 AM EDT12:00 PM EDT

## Description

Hi all;

Let's try Tuesday the 23rd for the call.

**Telephone Conferencing** 

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Toll-free: +1-866.692.5721 Participant Code: 6765977#

Ben

From: Hogan, James, NMENV [mailto:James.Hogan@state.nm.us]<mailto:[

mailto:James.Hogan@state.nm.us]> Sent: Tuesday, October 16, 2012 3:18 PM To: Katie Flahive; Jessup, Benjamin

Cc: Molloy, Aileen; Forrest John; Katharine Dowell; Paul, Michael; Joseph, Seva, NMENV; Lemon,

Shelly, NMENV

Subject: RE: NM nutrients - GIS analysis sites

On the 19th I have meeting 10-11 MDT and 2-3 MDT

On the 23rd a meeting from 3-4PM MDT

Other than that I am available

James Hogan

James Hogan Acting Bureau Chief Surface Water Quality Bureau New Mexico Environment Department Harold Runnels Building, N2050 1190 South Saint Francis Drive P.O. Box 5469 Santa Fe, New Mexico 87502-5469

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james.hogan@state.nm.us<mailto:james.hogan@state.nm.us>

From: Katie Flahive [mailto:Flahive.Katie@epamail.epa.gov]<mailto:[

mailto:Flahive.Katie@epamail.epa.gov]> Sent: Tuesday, October 16, 2012 12:53 PM

To: Jessup, Benjamin

Cc: Molloy, Aileen; Forrest John; Hogan, James, NMENV; Katharine Dowell; Paul, Michael; Joseph,

Seva, NMENV; Lemon, Shelly, NMENV Subject: Re: NM nutrients - GIS analysis sites

I'm not available on either of those days, but if Katharine and/or Forrest can participate, please go ahead.

But I am happy to schedule the call.

Thanks, Katie

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MAILING ADDRESS: U.S. Environmental Protection Agency Mail Code 4503T 1200 Pennsylvania Ave., NW Washington, D.C. 20460

OFFICE LOCATION: Room 7330J 1301 Constitution Ave., NW Washington, D.C. 20004 202-566-1206

FAX: 566-1437

"Jessup, Benjamin" ---10/16/2012 10:46:36 AM---Hi all; I think we should schedule another conference call so I can share some progress.

From: "Jessup, Benjamin" <benjamin.jessup@tetratech.com<mailto:benjamin.jessup@tetratech.com>> To: "Joseph, Seva, NMENV" <seva.joseph@state.nm.us<mailto:seva.joseph@state.nm.us>>, "Hogan, James, NMENV" <James.Hogan@state.nm.us<mailto:James.Hogan@state.nm.us>>, Katie Flahive/DC/USEPA/US@EPA, Forrest John/R6/USEPA/US@EPA, "Molloy, Aileen" <Aileen.Molloy@tetratech.com<mailto:Aileen.Molloy@tetratech.com>>, Katharine Dowell/DC/USEPA/US@EPA, "Paul, Michael" <Michael.Paul@tetratech.com<mailto:Michael.Paul@tetratech.com<mailto:Michael.Paul@tetratech.com<sailto:Shelly.lemon@state.nm.us<mailto:Shelly.lemon@state.nm.us>>

Date: 10/16/2012 10:46 AM

Subject: NM nutrients - GIS analysis sites

Hi all:

I think we should schedule another conference call so I can share some progress.

I have attached a list of sites that I think would be worthwhile to include in a GIS analysis. The GIS analysis would allow characterization of site conditions that may affect site classification and

disturbance status. It is important to identify reference sites so that we can analyze reference nutrient conditions and use those sites in site classification. Classification is necessary to determine if the minimally disturbed sites have nutrient conditions that vary with natural settings. We will be classifying by CW, transitional, and WW uses as a start. We will also consider the nutrient regions. I assumed that GIS analysis of all sites would be too cumbersome (887 NMED sites plus 69 NRSA and 73 WSA/EMAP). So I have prioritized as noted in the spreadsheet and recommend GIS analysis of 376 sites. The more the better, though.

Please give at least the 'Notes' page a read before the call. Would Friday the 19th or Tuesday the 23rd work for everyone?

Thanks:

Ben

Ben Jessup | Senior Scientist, Center for Ecological Science

Direct: 802.229.1059 | Fax: 802.223.6551

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[attachment "NMnutrientSites4GISanalysis.xlsx" deleted by Katie Flahive/DC/USEPA/US]

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